

No.14

Hands-On Formalization with Lean 4

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This talk will be a mini tutorial on verifying mathematics in Lean. Lean is an interactive theorem prover which is being used by several mathematicians to ensure that their work is accurate, revolutionizing how research mathematics is conducted.

Installation instructions are provided here: Setting Up Lean - Lean Documentation Overview : <https://docs.lean-lang.org/lean4/doc/quickstart.html> I am happy to help with installation before!

Installing Lean is recommended, since this session is meant for everyone to individually explore. I will guide the audience through working with Lean and will point to useful resources.